

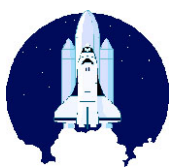


# countdown

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## Cosmic Origins Spectrograph arrives at Kennedy



### ◆ Shuttle Update:

The Cosmic Origins Spectrograph, or COS, arrived at KSC's Payload Hazardous Servicing Facility Tuesday and was immediately unpacked and moved into the clean room high bay. Instrument testing is under way. Integration onto the Flight Support System carrier is scheduled for next week.

The COS will be installed on the Hubble Space Telescope during space shuttle Atlantis' STS-125 mission. COS will be the most sensitive ultraviolet spectrograph ever flown on Hubble and will probe the cosmic web - the large-scale structure of the universe whose form is determined by the gravity of dark matter and is traced by galaxies and intergalactic gas. Launch of STS-125 is targeted for Oct. 8.

For additional information on the Hubble Space Telescope, visit <http://www.nasa.gov/hubble>.

◆ **IBEX Update:** NASA's Interstellar Boundary Explorer spacecraft, designed to image global interactions at the outer reaches of the solar system, has arrived at Vandenberg Air Force Base in California. Spacecraft instrument tests and systems checkout begins today.

Kennedy's Launch Services Program is responsible for ground sup-

port for processing of both IBEX and the Pegasus launch vehicle at Vandenberg and for management of the launch, originating from Kwajalein Island in the Pacific. Launch is tentatively set for Oct. 5.

Visit <http://www.nasa.gov/ibex> for more information about the IBEX mission.

■ **Going, Going Green Slogan Contest** — NASA's Environmental Management Office needs your assistance in developing a slogan for KSC's new plastics, aluminum and glass recycling effort. This program will roll out in early August at 14 KSC facilities, with containers and signs being placed at recycling stations. A short, catchy slogan that everyone can associate with the new recycling program is needed.

Entries will be judged by Environmental Management. The winning slogan will be adopted and used with the program's advertisement and promotional materials.

Entries should be submitted to [Maggie.S.Forbes@nasa.gov](mailto:Maggie.S.Forbes@nasa.gov) by Aug. 4. Please call Maggie Forbes at 867-3305 with any questions.

■ **Human Resources Certification** — Barry University is holding registration for its Professional Human Resources (PHR)/Senior Professional Human Resources (SPHR) certifica-

## IBEX launch checkout begins today at Vandenberg

tion preparation course which begins Sept. 6.

Designed to provide an overview of key areas in HR management, the course provides a solid foundation for managing HR challenges faced in today's work environment and preparation for the PHR and SPHR certification exam.

For additional information, please contact Chris Davis at 321-604-1843 or [csdavis@mail.barry.edu](mailto:csdavis@mail.barry.edu) or visit [www.barry.edu/ace/continuinged](http://www.barry.edu/ace/continuinged).

■ **Total Eclipse Friday** — NASA, in partnership with the University of California, Berkeley and the Exploratorium, will broadcast the total eclipse of the sun from China on Aug. 1. NASA Television will provide complete coverage beginning at 6 a.m.

A partial eclipse will begin at sunrise, visible only in the U.S. from Maine.

Watch NASA Television online at <http://www.nasa.gov/ntv>. Visit <http://www.nasa.gov/eclipse> for additional information about the eclipse.

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